NWS FORM E-5	U.S. DEPARTMENT OF COMMERCE	HYDROLOGIC SERVICE AREA (HSA)		
(11-88)	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
(PRES. BY WSOM E-41)	NATIONAL WEATHER SERVICE	San Angelo, TX		
MONTHLY	REPORT OF RIVER AND FLOOD CONDITIONS	REPORT FOR: MONTH YEAR June 2003		
TO:	Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE Jason Johnson In Charge of HSA		
		DATE July 15, 2003		

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

☐ No flood stages were reached in this HSA for the month above.

June was a wet month over much of West Central Texas. Most of the area received above normal rainfall for the month, which brought much relief to the area soils and vegetation.

By the middle of June, most of the area exceeded the monthly normal rainfall. Beginning on the evening of June 1st, thunderstorms moved into the Concho Valley producing heavy rainfall from just north of San Angelo into Concho County. Rainfall amounts up to 8 inches fell in isolated areas near Grape Creek. Rainfall totaling 2 to 4 inches fell over isolated areas in Concho County. Several County roads in both Concho and Tom Green Counties were reported flooded.

A large complex of thunderstorms developed in West and Northwest Texas the evening of the 3rd and moved southeastward across West Central Texas. The early morning thunderstorms on the 4th produced 2 to 6 inches of rain across much of the Concho Valley, Heartland and Southern Big Country. With much of the area saturated, the continued thunderstorm activity that moved across the area the following several days produced fair amounts of runoff into area creeks and rivers. Points along the Upper Colorado River, California Creek and the Clear Fork of the Brazos River climbed above bankfull stages during the period from June 4th to June 7th.

More thunderstorms developed the evening of June 11th, producing heavy rain over the Big Country, Heartland and Northern Concho Valley. Flooding of streets in the Abilene area was reported by the Emergency Manager. Flooding of county roads around Oak Creek Reservoir was reported by the sheriff's office.

Over the early morning hours of the 15th, a line of thunderstorms developed over the Southern Concho Valley and moved southward into the Northern Edwards Plateau and Northwest Hill Country. Very heavy rain fell over the upper San Saba River and upper Beaver Creek watersheds. Doppler radar estimates of up to 7 inches of rain fell over isolated areas in Northern Gillespie County that contribute to Beaver Creek. Beaver Creek rose above flood stage the morning of the 15th.

Area reservoirs that benefited from the early June rains include E.V. Spence Reservoir, which rose about 11 feet and increased its storage by over 28,000 acre-feet. O.H. Ivie Reservoir climbed nearly four feet and gained about 38,000 acre-feet in storage. O.C. Fisher gained over five feet which is an additional 2,700 acre-feet of water. Lake Brownwood climbed about two feet and was about one foot above its emergency spillway. Fort Phantom Hill Reservoir located north of Abilene rose about three feet and caught 8,000 acre-feet of water. Finally, of note, the once mostly dry Oak Creek Reservoir at Blackwell gained over 11 feet of water. Twin Buttes Reservoir may have seen the least runoff because of the lighter amounts of rainfall west of San Angelo into Irion County. The USGS reported that the water level in Twin Buttes Reservoir is below the equipment that provides readings of the pool elevation. The Concho Valley reservoirs remain well below 50 percent of capacity.

A weak cold front moved into the area early on the 26th, producing showers and thunderstorms over the Big Country and Heartland regions. An isolated rainfall total near 6 inches was reported about four miles west of Stamford. Heavy rainfall over the watershed of California Creek produced enough runoff to cause the creek to rise above bankfull stage.

For the month of June, San Angelo Regional Airport received 4.78 inches of rain. This is 2.26 inches above the monthly normal of 2.52 inches. Abilene Regional Airport received 7.36 inches of rain in June, which is 4.30 inches above the monthly normal of 3.06 inches.

Rainfall Totals for June

	Amt		Amt
Station Name	(in)	Station Name	(in)
Abilene 2	7.15	London 3N	5.39
Acton Ranch	3.09	Mason	4.04
Albany	6.96	Menard	3.83
Anson	8.05	Merkel 12SW	8.84
Ballinger 2NW	8.16	Ozona 1SSW	2.60
Brady	3.61	Putnam	5.17
Brownwood	6.98	Richland Springs	7.06
Burkett	9.12	Roscoe	3.25
Coleman	8.32	Rotan	5.91
Concho Park	4.40	San Angelo WFO	4.24
Eldorado	2.69	San Saba 7NW	5.07
Eldorado 10W	2.54	Silver Valley	6.41
Eldorado 12N	2.61	Sonora	1.96
Fort Griffin	7.64	Stamford	7.54
Fort McKavett	3.40	Sterling City	7.34
Funk Ranch	2.73	Sterling City 8NE	11.00
Glen Cove	6.49	Taylor Ranch	5.51
Hamlin	3.76	Telegraph	3.61
Haskell	8.24	Throckmorton 7NE	6.47
Hords Creek	7.58	Trent	5.71
Humble Pump	3.95	Water Valley	6.93
Junction 4SSW	3.94	Water Valley 11NE	10.37
Lake Abilene	8.10	Winters	6.65
Lawn	8.20	Woodson	5.66

Reservoir Conditions (end of June, 2003)

Reservoir	Conservation Capacity (Ac-Ft)	Current Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	42,900	61
Lake Stamford	52,700	41,420	79
Hubbard Creek Lake	317,800	147,700	26
Hords Creek Lake	8,800	2,269	46
Lake Brownwood	131,428	131,428	100
E.V. Spence	488,760	58,730	12
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	4,811	4
O.H. Ivie	554,340	222,400	40

Hydro Products Issued

RVS = 13

FLS = 12

FLW = 2